XCNT2703P16

limit switch XCNT - plastic roller plunger - 2NC - slow - M16





Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCNT
Sensor design	Compact
Body type	Fixed
Head type	Plunger head
Material	Plastic
Body material	Plastic
Head material	Plastic
Fixing mode	By the body
Movement of operating head	Linear
Type of operator	Spring return roller plunger plastic at 90°
Type of approach	Traverse approach, 2 directions
Cable entry	2 entries tapped for M16 x 1.5 cable gland, cable outer diameter: 713 mm
Number of poles	2
Contacts type and composition	2 NC
Contact operation	Slow-break, simultaneous

Complementary

Complementary	
Switch actuation	By 30° cam
Electrical connection	Screw-clamp open terminals, clamping capacity: 1 x 0.342 x 1.5 mm²
Contacts insulation form	Zb
Positive opening minimum force	10 N
Minimum force for tripping	6 N
Maximum actuation speed	1 m/s
Contact code designation	A300, AC-15 (Ue = 240 V), le = 3 A, Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), le = 0.1 A conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V conforming to UL 508 500 V (pollution degree 3) conforming to IEC 60947-1 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 KV conforming to IEC 60664 6 kV conforming to IEC 60947-1
Short-circuit protection	10 A cartridge fuse, type gG
Mechanical durability	10000000 cycles
Width	58.8 mm
Height	77.6 mm
Depth	30.5 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

50 gn for 11 ms conforming to IEC 60068-2-27	
25 gn (f= 10500 Hz) conforming to IEC 60068-2-6	
IP65 conforming to IEC 60529	
IK04 conforming to EN 50102	
Class II conforming to IEC 61140 Class II conforming to NF C 20-030	
-2570 °C	
-4070 °C	
TC	
CCC[RETURN]CSA[RETURN]UL	
EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14	
	25 gn (f= 10500 Hz) conforming to IEC 60068-2-6 IP65 conforming to IEC 60529 IK04 conforming to EN 50102 Class II conforming to IEC 61140 Class II conforming to NF C 20-030 -2570 °C -4070 °C TC CCC[RETURN]CSA[RETURN]UL EN/IEC 60204-1 EN/IEC 60947-5-1 UL 508

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	3.1 cm	
Package 1 Width	5.8 cm	
Package 1 Length	7.8 cm	
Package 1 Weight	150 g	

Offer Sustainability

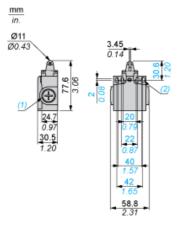
Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	₫Yes
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov

Contractual warranty

Product data sheet **Dimensions Drawings**

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Dimensions

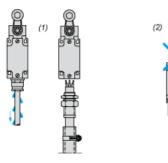


- (1) 2 tapped entry for M16 x 1.5
 (2) Ø: 4 elongated holes Ø 4.3 x 6.3

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Mounting with Cable Entry

Position of Cable Gland



- (1) (2) Recommended
- To be avoided

Product data sheet Connections and Schema

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Wiring Diagram

2-pole NC + NC Simultaneous, Slow Break

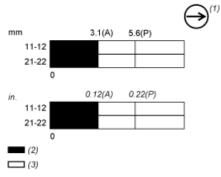
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Characteristics of Actuation

Switch Actuation by 30° Cam



Functionnal Diagram



- (P) Positive opening point
- Cam displacement
- NC contact with positive opening operation
- Closed
- (1) NC co (2) Closed (3) Open